

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\
 Data File : VU038576.D
 Acq On : 05 Jun 2020 16:30
 Operator : SY/MD
 Sample : L2860-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D63

Quant Time: Jun 06 00:15:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 06 00:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	284923	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	278188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	133767	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	64922	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.93	69	58535	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.59	63	108695	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.67	46	303209	54.13	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	5.10	84	164950	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	97775	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.76	84	325263	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.72	67	100870	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.92	98	268495	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.20	79	37738	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.65	63	253268	55.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	93855	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	117675	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

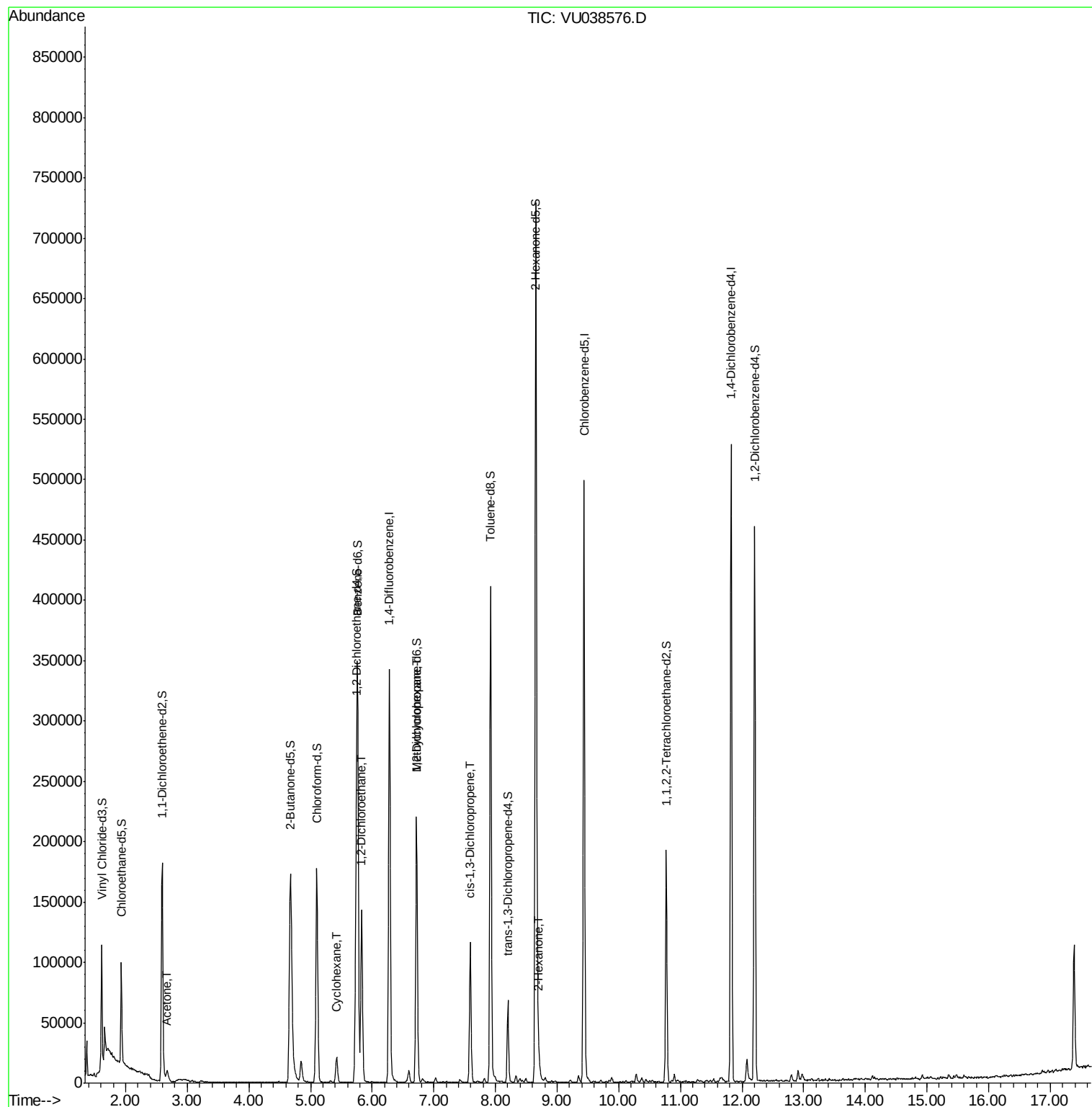
					Ovalue
13) Acetone	2.68	43	15346	4.186	ug/L 97
27) 1,2-Dichloroethane	5.83	62	120744	4.989	ug/L 99
30) Cyclohexane	5.42	56	10067	0.326	ug/L 100
35) Methylcyclohexane	6.72	83	24781	0.795	ug/L # 17
39) cis-1,3-Dichloropropene	7.59	75	3146	0.109	ug/L # 75
48) 2-Hexanone	8.71	43	10872	1.028	ug/L # 92

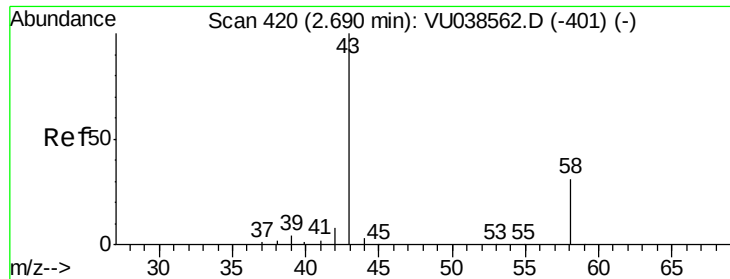
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.186 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038576.D

Acq: 05 Jun 2020 16:30

Instrument :

MSVOA_U

ClientSampled :

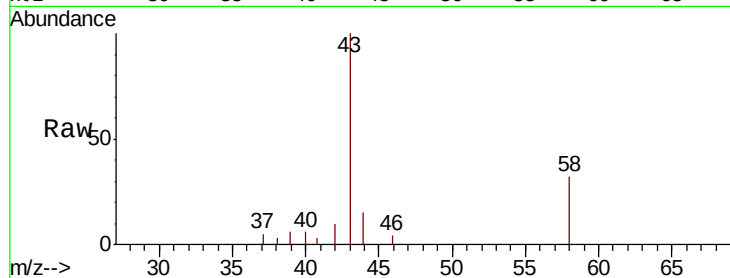
F9D63

Tot Ion: 43 Resp: 15346

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038562.D (-401) (-)

2.68

6000

5000

4000

3000

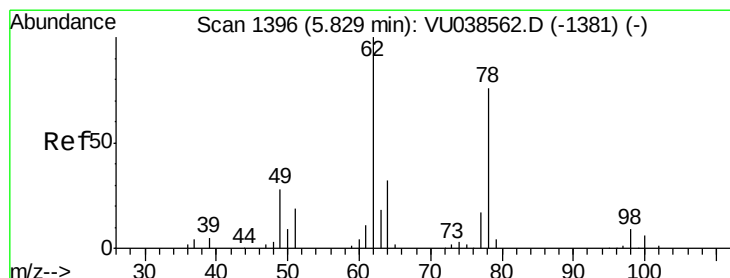
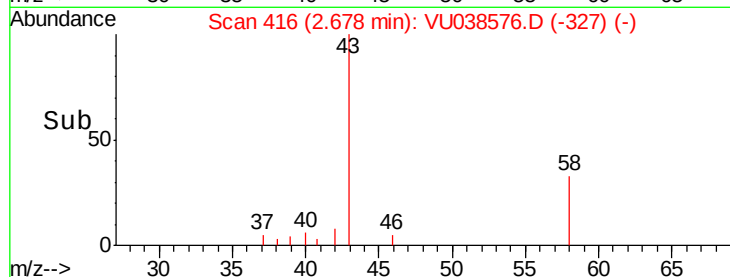
2000

1000

0

Time-->

2.60 2.65 2.70 2.75 2.80



#27

1,2-Dichloroethane

Concen: 4.989 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038576.D

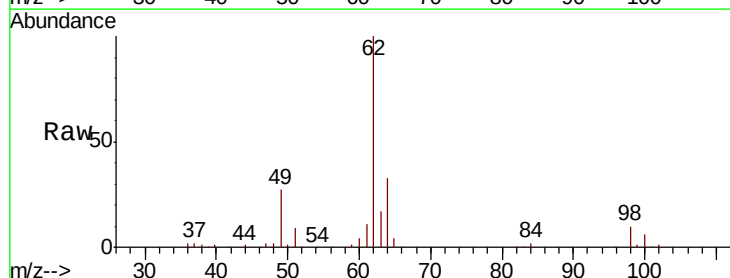
Acq: 05 Jun 2020 16:30

Tgt Ion: 62 Resp: 120744

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VU038562.D (-1381) (-)

Ion 98.05 (97.75 to 98.75): VU038562.D (-1381) (-)

5.83

60000

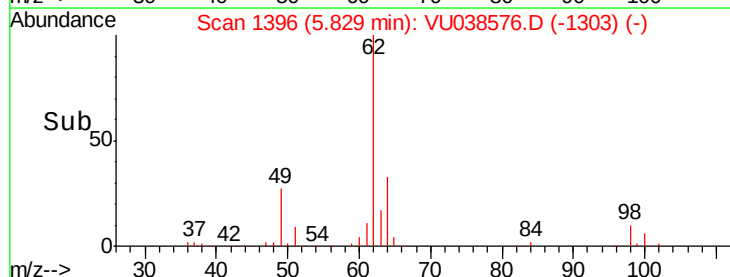
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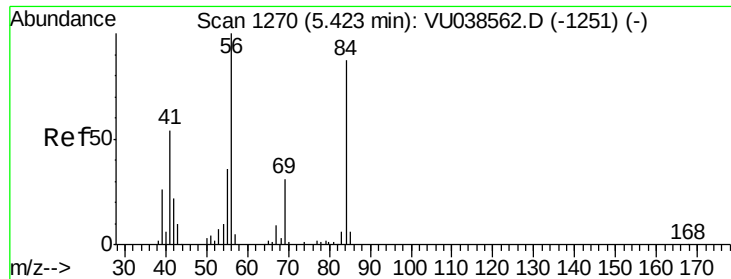
20000

0

Time-->

5.75 5.80 5.85 5.90 5.95

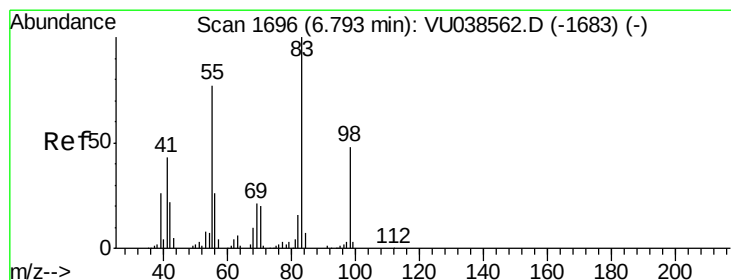
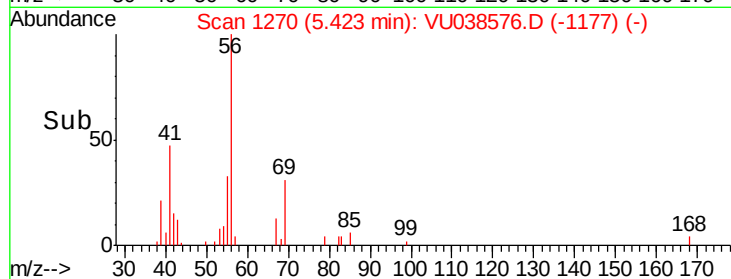
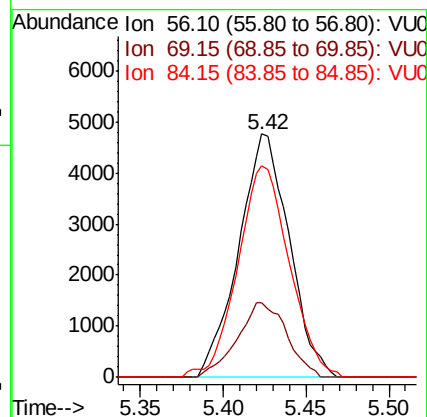
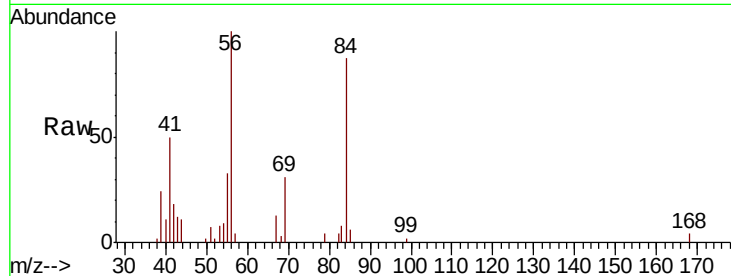




#30
Cyclohexane
Concen: 0.326 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038576.D
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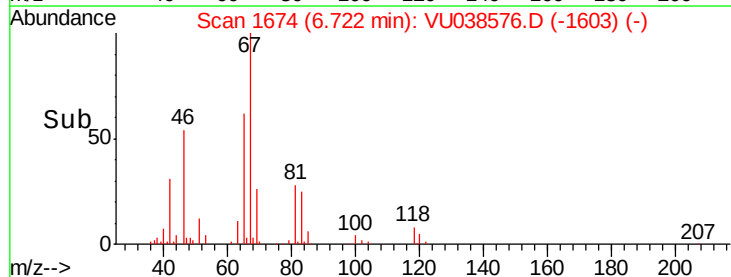
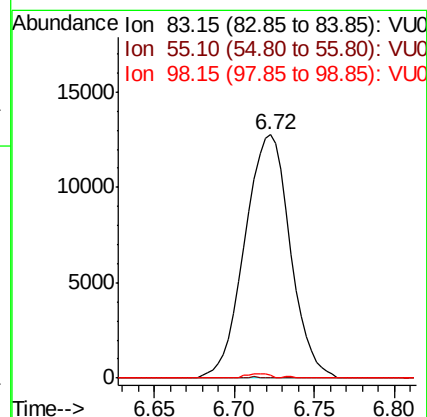
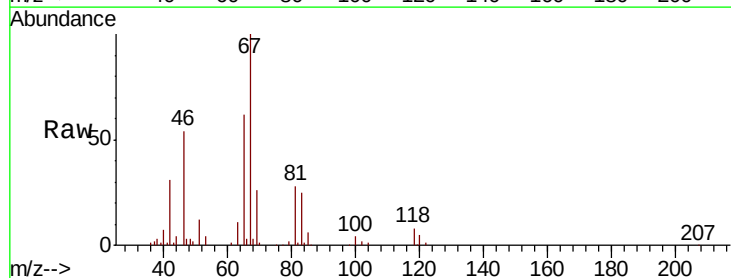
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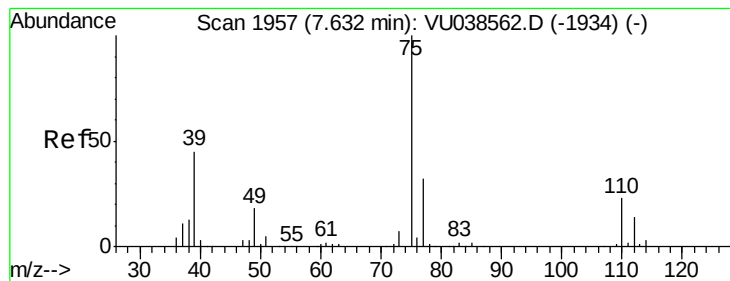
Tot Ion	56	Resp	10067
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.4
84	88.8	70.8	106.2



#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038576.D
Acq: 05 Jun 2020 16:30

Tgt Ion	83	Resp	24781
Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.4	95.2#
98	0.9	39.0	58.4#



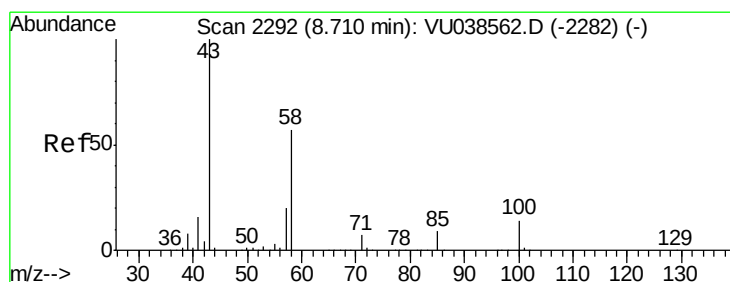
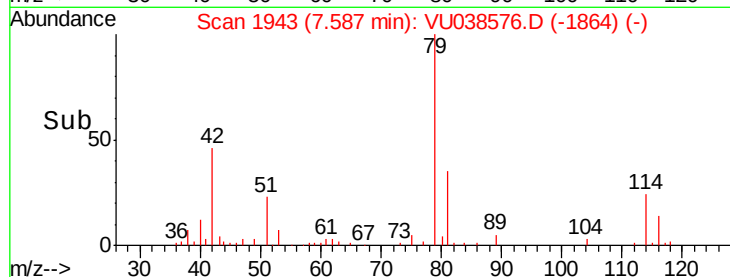
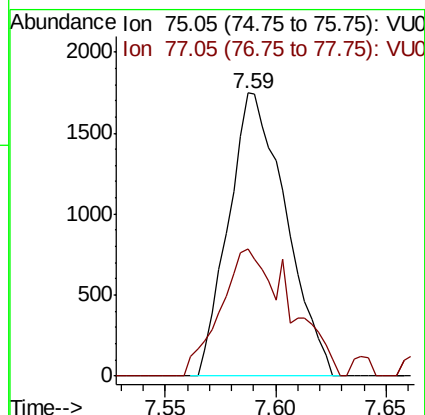
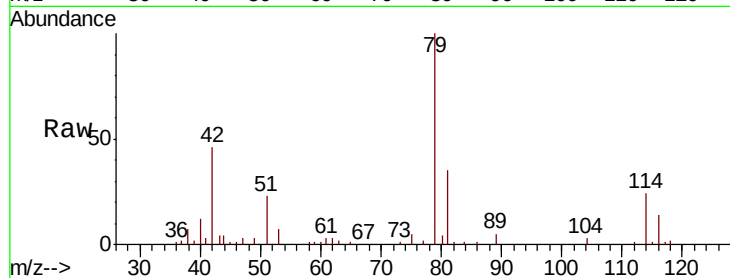


#39

cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038576.D
Acq: 05 Jun 2020 16:30

Instrument :
MSVOA_U
ClientSampleId :
F9D63

Tot Ion: 75 Resp: 3146
Ion Ratio Lower Upper
75 100
77 45.2 21.9 40.7#



#48

2-Hexanone
Concen: 1.028 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038576.D
Acq: 05 Jun 2020 16:30

Tgt Ion: 43 Resp: 10872
Ion Ratio Lower Upper
43 100
58 51.0 45.4 68.0
57 22.3 15.9 23.9
100 8.4 10.5 15.7#

